

**CLAIMS**

1. Radio communication terminal ( $M_1$ ) including communication means providing a connection to one or more application servers (AS) via a communication network (RAN<sub>1</sub> CN, SN), which terminal is characterized in that it includes measurement means adapted to send at least one message to at least one application server and to determine at least one quality of service measurement as a function of the response(s) to said at least one message.  
5
2. Radio communication terminal according to the preceding claim, including means for displaying said response(s) on a display screen.  
10
3. Radio communication terminal according to the preceding claim, characterized in that the response displayed on a display screen indicates for each server at least the time elapsed between sending a message and receiving a response to said message and the number of  
15 users logged onto said server.
4. Radio communication terminal according to any one of the preceding claims, further including automatic selection means for determining a set of application servers providing a given application, for obtaining from said measurement means a measurement relating to each of the  
20 application servers of said set, and for automatically choosing an application server from said set as a function of those measurements.
5. Radio communication terminal according to any one of the preceding claims, wherein the measurement means determine a quality of service measurement as a function of the time elapsed between sending a message and receiving a response to said message.  
25
6. Radio communication terminal according to any one of the preceding claims, wherein the measurement means determine a quality of service measurement for a server as a function of the time elapsed between sending a message and receiving a response to said message and the  
30 number of users logged onto said server.
7. Radio communication terminal according to the preceding claim, wherein the measurement means send a burst of messages and determine a quality of service measurement by averaging the times elapsed between sending the messages of said burst and the responses  
35 to the corresponding messages.

8. Radio communication terminal according to the preceding claim, wherein said measurement means determine a second quality of service measurement by calculating a jitter value as a function of the differences between two consecutive responses.
- 5    9. Radio communication terminal according to any one of claims 4 to 8, including control means adapted to launch said measurement means periodically when said terminal is connected to said given application hosted by a first application server and wherein said control means are adapted to determine if a new application server hosting said given application produces a quality of service measurement higher than that of said first application server and if appropriate to connect automatically to said new application server.
- 10    10. Radio communication terminal according to any one of the preceding claims, wherein said measurement means comprise an application downloaded from an application server.
- 15    11. Radio communication terminal according to any one of the preceding claims, wherein said message is an IP packet, for example an ICMP message.
- 20    12. Radio communication terminal according to any one of claims 1 to 10, wherein said message is adapted to be converted by a gateway into an IP packet, for example an ICMP message.